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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the

application. Please amend claim 57 and cancel claim 70 without prejudice or

disclaimer, as follows:

1. (Original) A pigment composition, comprising:

at least one calcium carbonate chosen from rhombohedral calcium carbonate

and ground calcium carbonate;

at least one anionic dispersant present in an amount sufficient to overdisperse

the at least one calcium carbonate; and

at least one cationic polymer.

2. (Original) The pigment composition according to claim 1, wherein the at least

one calcium carbonate comprises ground calcium carbonate.

3. (Original) The pigment composition according to claim 2, wherein the ground

calcium carbonate has a median particle size of about 1.2 µm or less.

4. (Original) The pigment composition according to claim 1, wherein the at least

one anionic dispersant is chosen from a maleic anhydride copolymer, and a

polyacrylate.

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5. (Original) The pigment composition according to claim 4, wherein the at least

one anionic dispersant is a maleic acrylic copolymer.

6. (Original) The pigment composition according to claim 1, wherein the at least

one cationic polymer is chosen from polydiallyldimethylammonium chloride, copolymers

of quaternary dimethylaminoethyl acrylate, and copolymers of quaternary

dimethylaminoethyl methacrylate.

7. (Original) The pigment composition according to claim 1, wherein the at least

one cationic polymer comprises a copolymer of epichlorohydrin and dimethylamine.

8. (Original) The pigment composition according to claim 1, wherein the at least

one cationic polymer has a bulk viscosity of at least about 300 cps.

9 (Original) The pigment composition according to claim 1, wherein the at least

one cationic polymer has a bulk viscosity of at least about 2,000 cps.

10. (Original) The pigment composition according to claim 1, wherein the at

least one calcium carbonate has a surface area ranging from about 5 m<sup>2</sup>/g to

about 600 m<sup>2</sup>/g.

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11. (Original) The pigment composition according to claim 1, wherein the at

least one calcium carbonate has a surface area ranging from about 5 m<sup>2</sup>/g to about 20

12. (Original) The pigment composition according to claim 1. wherein the at

least one anionic dispersant comprises a maleic acrylic copolymer and the at least one

cationic polymer is polydiallyldimethylammonium chloride.

 $m^2/q$ .

13. (Original) The pigment composition according to claim 1, wherein the at

least one anionic dispersant is a maleic acrylic copolymer and the at least one cationic

polymer comprises a copolymer of epichlorohydrin and dimethylamine.

14. (Original) The pigment composition according to claim 1, wherein the at

least one calcium carbonate comprises rhombohedral calcium carbonate.

15. (Original) The pigment composition according to claim 14, wherein the

rhombohedral calcium carbonate has a median particle size of about 0.5 µm or less.

16. (Withdrawn) A method of preparing a pigment, comprising:

combining at least one anionic dispersant with at least one calcium carbonate

chosen from rhombohedral calcium carbonate and ground calcium carbonate, the at

least one anionic dispersant being present in an amount effective to overdisperse the at

least one calcium carbonate; and

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combining at least one cationic polymer with the dispersed calcium carbonate.

17. (Withdrawn) The method according to claim 16, wherein the at least one

calcium carbonate comprises rhombohedral calcium carbonate having a median particle

size of about 0.5 µm or less.

18. (Withdrawn) The method according to claim 17, wherein the at least one

rhombohedral calcium carbonate has a median particle size of about 0.4 µm or less.

19. (Withdrawn) The method according to claim 16, wherein the dispersed

carbonate is combined with the at least one cationic polymer, the at least one cationic

polymer being present in an amount of at least about 2 weight percent, relative to the

weight of the at least one calcium carbonate.

20. (Withdrawn) The method according to claim 16, wherein the dispersed

carbonate is combined with the at least one cationic polymer, the at least one cationic

polymer being present in an amount of at least about 3 weight percent, relative to the

weight of the at least one calcium carbonate.

21. (Withdrawn) The method according to claim 16, wherein the additional

amount to achieve over dispersion of the at least one anionic dispersant ranges from

about 0.25 times to about 10 times the amount sufficient to achieve a minimum

viscosity.

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22. (Withdrawn) The method according to claim 16, wherein the amount of the

at least one anionic dispersant added ranges from about 0.1% to about 5% by weight

relative to the weight of the at least one calcium carbonate.

23. (Withdrawn) The method according to claim 16, wherein the amount of the

at least one anionic dispersant added ranges from about 0.5% to about 5% by weight

relative to the weight of the at least one calcium carbonate.

24. (Withdrawn) The method according to claim 16, wherein the amount of the

at least one anionic dispersant added ranges from about 1% to about 5% by weight

relative to the weight of the calcium carbonate.

25. (Withdrawn) The method according to claim 16, wherein the at least one

cationic polymer has a bulk viscosity of at least about 300 cps.

26. (Withdrawn) The method according to claim 16, wherein the at least one

calcium carbonate has a surface area ranging from about 5 m<sup>2</sup>/g to about 600 m<sup>2</sup>/g.

27. (Withdrawn) The method according to claim 16, wherein the at least one

calcium carbonate has a surface area ranging from about 5 m<sup>2</sup>/g to about 20 m<sup>2</sup>/g.

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28. (Withdrawn) The method according to claim 16, wherein the at least one anionic dispersant is chosen from a maleic acrylic copolymer, a maleic anhydride copolymer, and a polyacrylate.

29. (Withdrawn) The method according to claim 16, wherein the at least one cationic polymer comprises a cationic quaternary ammonium polymer.

30. (Withdrawn) The method according to claim 16, wherein the at least one cationic polymer is chosen from a copolymer of epichlorohydrin/dimethylamine, polydiallyldimethylammonium chloride, copolymers of quaternary dimethylaminoethyl acrylate, and copolymers of quaternary dimethylaminoethyl methacrylate.

31. (Withdrawn) The method according to claim 16, wherein said pigment has a solids concentration ranging from about 50% to about 65% solids.

32. (Withdrawn) The method according to claim 16, wherein said pigment has a solids concentration ranging from about 55% to about 60% solids.

33. (Withdrawn) A paper coating composition, comprising:

at least one calcium carbonate chosen from rhombohedral calcium carbonate and ground calcium carbonate;

at least one anionic dispersant present in an amount effective to overdisperse the at least one calcium carbonate:

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at least one cationic polymer; and

at least one binder.

34. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one calcium carbonate comprises rhombohedral calcium carbonate having a

median particle size of about 0.5 µm or less.

35. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one anionic dispersant is chosen from a maleic acrylic copolymer, a maleic

anhydride copolymer, and a polyacrylate.

36. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one cationic polymer comprises a cationic quaternary ammonium polymer.

37. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one cationic polymer is chosen from copolymers of

epichlorohydrin/dimethylamine, polydiallyldimethylammonium chloride, copolymers of

quaternary dimethylaminoethyl acrylate, and copolymers of quaternary

dimethylaminoethyl methacrylate.

38. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one anionic dispersant is chosen from a maleic acrylic copolymer, a maleic

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anhydride copolymer, and a polyacrylate; and the cationic polymer is chosen from

cationic quaternary ammonium polymers.

39. (Withdrawn) The paper coating composition according to claim 33, wherein

the at least one calcium carbonate is present in the composition in an amount ranging

from about 20% to about 70% by weight relative to the total weight of the composition.

40. (Withdrawn) The paper coating composition according to claim 33, wherein

ink printed on a coated paper comprising the paper coating composition has a cyan

print density of at least about 0.75.

41. (Withdrawn) The paper coating composition according to claim 33, wherein

ink printed on a coated paper comprising the paper coating composition has a magenta

print density of at least about 0.5.

42. (Withdrawn) The paper coating composition according to claim 33, wherein

ink printed on a coated paper comprising the paper coating composition has a wicking

value of at least about 0.5.

43. (Withdrawn) The paper coating composition according to claim 33, wherein

ink printed on a coated paper comprising the paper coating composition has a wicking

value of at least about 1.

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(Withdrawn) A coated paper, comprising:

a fibrous substrate:

at least one calcium carbonate chosen from rhombohedral calcium carbonate

and ground calcium carbonate;

at least one anionic dispersant present in an amount effective to overdisperse the

at least one calcium carbonate;

at least one cationic polymer in an amount of at least about 2 weight percent,

relative to the weight of the calcium carbonate; and

at least one binder.

45. (Withdrawn) The coated paper according to claim 44, wherein the at least

one calcium carbonate comprises rhombohedral calcium carbonate having a median

particle size of about 0.5 µm or less.

46. (Withdrawn) The coated paper according to claim 44, wherein ink printed on

the coated paper has a cyan print density of at least about 0.75.

47. (Withdrawn) The coated paper according to claim 44, wherein ink printed on

the coated paper has a magenta print density of at least about 0.5.

48. (Withdrawn) The coated paper according to claim 44, wherein ink printed on

the coated paper has a wicking value of at least about 0.5.

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49. (Withdrawn) The coated paper according to claim 44, wherein ink printed on

the coated paper has a wicking value of at least about 1.

50. (Withdrawn) A method of preparing a pigment, comprising:

adding substantially simultaneously to a vessel, at least one anionically (a)

dispersed carbonate slurry and at least one cationic polymer, to form a cationic

carbonate slurry; and

removing the cationic carbonate slurry from the vessel at a rate equal to

the sum of the rate of the cationic polymer and dispersed carbonate slurry addition

in (a).

51. (Withdrawn) The method according to claim 50, wherein the adding in (a)

occurs at a rate ranging from about 1% to about 25% of the vessel slurry volume per

minute.

52. (Withdrawn) The method according to claim 50, wherein the removing in (b)

occurs at a rate ranging from about 2% to about 12% of the vessel slurry volume per

minute.

53. (Withdrawn) The method according to claim 52, wherein the removing in (b)

occurs at a rate ranging from about 3% to about 10% of the vessel slurry volume per

minute.

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54. (Withdrawn) The method according to claim 50, wherein the carbonate is

calcium carbonate.

55. (Withdrawn) The method according to claim 54, wherein the calcium

carbonate is chosen from rhombohedral calcium carbonate and ground calcium

carbonate.

56. (Withdrawn) The method according to claim 55, wherein the carbonate

comprises rhombohedral calcium carbonate having a median particle size of about 0.5

um or less.

57. (Currently Amended) A pigment composition, comprising:

at least one rhombohedral calcium carbonate;

at least one anionic dispersant; and

at least one cationic polymer,

wherein said pigment composition has a solids concentration ranging from 40%

to 65% solids.

58. (Original) The pigment composition according to claim 57, wherein the at

least one rhombohedral calcium carbonate has a median particle size of about 0.5 µm

or less.

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59. (Original) The pigment composition according to claim 57, wherein the at least one rhombohedral calcium carbonate has a median particle size of about  $0.4~\mu m$  or less.

60. (Original) The pigment composition according to claim 57, wherein the at least one rhombohedral calcium carbonate has a median particle size of about 0.3 μm or less.

61. (Original) The pigment composition according to claim 57, wherein the at least one cationic polymer is present in the composition in an amount of at least about 2 percent by weight, relative to the weight of calcium carbonate.

62. (Original) The pigment composition according to claim 61, wherein the at least one cationic polymer is present in the composition in an amount of at least about 3 percent by weight, relative to the weight of calcium carbonate.

63. (Original) The pigment composition according to claim 57, wherein the at least one anionic dispersant is present in the composition in an amount ranging from about 0.1 % to about 5% by weight, relative to the weight of calcium carbonate.

64. (Original) The pigment composition according to claim 57, wherein the at least one anionic dispersant is present in the composition in an amount of at least about 0.5% by weight, relative to the weight of calcium carbonate.

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65. (Original) The pigment composition according to claim 57, wherein the at

least one anionic dispersant is present in the composition in an amount of at least about

1% by weight, relative to the weight of calcium carbonate.

66. (Original) The pigment composition according to claim 57, wherein the at

least one anionic dispersant is chosen from a maleic acrylic copolymer, a maleic

anhydride copolymer, and a polyacrylate.

67. (Original) The pigment composition according to claim 57, wherein the at

least one cationic polymer comprises a cationic quaternary ammonium polymer.

68. (Original) The pigment composition according to claim 57, wherein the at

least one cationic polymer is chosen from copolymers of epichlorohydrin/dimethylamine,

polydiallyldimethylammonium chloride, copolymers of quaternary dimethylaminoethyl

acrylate, and copolymers of quaternary dimethylaminoethyl methacrylate.

69. (Original) The pigment composition according to claim 57, wherein the at

least one anionic dispersant is chosen from a maleic acrylic copolymer, a maleic

anhydride copolymer, and a polyacrylate; and the cationic polymer is chosen from

cationic quaternary ammonium polymers.

Claim 70 (Canceled).

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71. (Original) The pigment composition according to claim 57, wherein said pigment composition has a solids concentration ranging from about 50% to about 65% solids.

72. (Original) The pigment composition according to claim 57, wherein said pigment composition has a solids concentration ranging from about 55% to about 60% solids.

73. (Original) The pigment composition according to claim 57, wherein the at least one rhombohedral calcium carbonate has a surface area ranging from about 5  $m^2/g$  to about 600  $m^2/g$ .

74. (Original) The pigment composition according to claim 57, wherein the at least one rhombohedral calcium carbonate has a surface area ranging from about 5  $m^2/g$  to about 20  $m^2/g$ .